GOVERNMENT OF INDIA
NON-CONVENTIONAL ENERGY SOURCES
LOK SABHA

UNSTARRED QUESTION NO:896
ANSWERED ON:13.07.2004
GENERATION OF POWER THROUGH WASTE AND WIND
Athawale Shri Ramdas

Will the Minister of NON-CONVENTIONAL ENERGY SOURCES be pleased to state:

(a)the number of power projects set up in the country with Central assistance for power generation through waste and wind, State-wise;

(b)the quantum of power generated by these projects during the last three years separately, year-wise and State-wise;

(c)whether possibilities of power generation through waste and wind to being explored in the country particularly in Maharashtra;

(d)if so, the details thereof; and

(e) the quantum of assistance given by the Government to each State for the purpose during the last three years?

Answer

MINISTER OF STATE OF THE MINISTRY OF NON-CONVENTIONAL ENERGY SOURCES (INDEPENDENT CHARGE) (SHRI VILAS MUTTEMWAR)

(a):The state-wise information on the number of power projects set up through urban and industrial waste and wind energy with the central financial assistance from the Ministry is given in Annexure-I.

(b):The information on the state-wise and year-wise quantum of power generated from these projects during the last three years viz. 2001-02, 2002-03 and 2003-04 is given in Annexure-II.

(c) & (d): Yes Sir. Potential for generating 45,000 MW from wind and 2,700 MW from urban and industrial wastes in the country has been estimated. In the state of Maharashtra; a potential for generation of 3650 MW from wind energy and 287 MW from urban waste has been estimated.

(e):The state-wise details of central financial assistance provided by the Ministry during last three years i.e. 2001-02, 2002-03 and 2003-04 for setting up of power projects based on urban and industrial waste including other activities related to the programme and those based on wind energy are given in Annexure-III.

Annexure-I

Annexure referred to in reply to Part (a) of Lok Sabha Unstarred Question No. 896 for 13.07.2004 regarding ` Generation of power through waste and wind`

State-wise number of power projects set up in the country through urban and industrial waste and wind with central financial assistance

a) Urban & Industrial waste

Sr. No.	State	Projects set up(No.)
1.	Andhra Pradesh	5
2.	Gujarat	2
3.	Karnataka	1
4.	Madhya Pradesh	1

5. Maharashtra 1

6. Uttar Pradesh 3

7 Tamilnadu 1

b) Wind Energy

Sr. No. State Projects set up(No.)

1. Andhra Pradesh 3

2. Gujarat 7

3. Karnataka 2

4. Kerala 2

5. Madhya Pradesh 1

6. Maharashtra 5

7 Rajasthan 3

8. Tamilnadu 8

9. West Bengal 2

Note: Besides above, commercial wind power projects have been set up in these states without central financial assistance

Annexure-II

Annexure referred to in reply to Part (b) of Lok Sabha Unstarred Question No.896 for 13.07.2004 regarding `Generation of power through waste and wind`

State-wise and year-wise quantum of power generated from power projects set up through urban and industrial waste and wind with central financial assistance

a) Urban & Industrial waste (In million units of electricity/kwh)

Sl.No. State 2001-02 2002-03 2003-04

1. Andhra Pradesh 19.20 17.06 44.96

2. Gujarat 12.39 12.32 11.69

3. Karnataka 0.86 1.43 1.38

4. Madhya Pradesh 8.17 9.72 -

5. Maharashtra 2.51 2.65 2.20

6. Uttar Pradesh 4.86 13.14 16.78

7 Tamil Nadu - - 0.10

b) Wind Energy (In million units of electricity/kwh)

Sl.No. State 2001-02 2002-03 2003-04

1. Andhra Pradesh 5.16 4.04 4.45

2. Gujarat 25.50# 25.50# 25.50#

3. Karnataka 5.33 10.98 17.52

4. Kerala 2.58 2.35 2.43

5. Madhya Pradesh 0.88# 0.88# 0.88#

6. Maharashtra 12.38# 12.38# 12.38#

7 Rajasthan 8.28 9.60 9.70

8. Tamilnadu 178.99 194.56 243.46

9. West Bengal 0.08 0.20 0.20

Estimated based on capacity utilization of 17%.

Note: This excludes electricity generation from commercial wind power projects set up in these states

Annexure-III

Annexure referred to in reply to Part (e) of Lok Sabha Unstarred Question No. 896 for 13.07.2004 regarding `Generation of power through waste and wind`

Details of central financial assistance provided by MNES to various states during last three years (2001-02, 2002-03 & 2003-04)
for setting up of power projects through urban & industrial waste and wind energy

a) Urban & Industrial waste (Rs. in lakh)

Sr. No.	State	Central Financial Assistance
1.	Andhra Pradesh	251.13
2.	Gujarat	25.09
3.	Maharashtra	73.95
4.	Uttar Pradesh	1579.77
5.	Tamil Nadu	136.90

b) Wind Energy (Rs. in lakh)

Sr. No.	State	Central Financial Assistance
1.	Andhra Pradesh	297.00
2.	Karnataka	840.00
3.	Maharashtra	384.00
4.	West Bengal	327.46